

Abstract

Implantable heart stimulator comprising a heart signal
detection means (10) adapted to detect electrical heart
5 signals (12) and to apply said signals to at least two
detection channels (16,16',16''), each channel comprises a
filter means with a predetermined filter characteristics, a
threshold detector with a predetermined threshold and a peak
amplitude determining means. Each channel is adapted to
10 generate a detection signal and a peak amplitude value. The
heart stimulator further comprises a heart event identifying
means (22) that unequivocally identifies, based on said
detection signals and said peak amplitude values, a detected
heart event. Applying predetermined identifying criteria,
15 e.g. by forming the difference and/or the quote between the
peak amplitude values performs said identification.

(Figure 2)